

10/718,946 filed November 21, 2003

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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the Application:

Listing of the Claims

5 Pending Claims

1. (Currently amended): A process for selectively oxygenating a distillate feedstock which process comprises contacting said feedstock with an oxygen-containing gas in an oxidation zone at oxidation conditions in the presence of [[an]] solid oxidation catalyst comprising a Group VIII metal component and a basic support,
10 and recovering an effluent stream distillate having an oxygen content incorporated therein of about 0.02 to about 20 percent by weight and a TAN number of less than about 2 mg KOH/g.

2. (Original): The process of claim 1 wherein the Group VIII metal is cobalt.

15 3. (Original): The process of claim 1 wherein the basic support comprises magnesium oxide.

4. (Original): The process of claim 1 wherein the basic support comprises calcium oxide.

20 5. (Currently amended): The process of claim 1 wherein the Group VIII metal is present in the oxidation catalyst in an amount ranging from 0.1 to 50 percent by weight ~~about 0.1 wt. % to about 50 wt. %~~ based on the total weight of the catalyst.

6. (Currently amended): The process of claim 5 ~~[[2]]~~ wherein the basic support comprises magnesium oxide.

25 7. (Currently amended): The process of claim 5 ~~[[2]]~~ wherein the basic support comprises calcium oxide.

8. (Original): The process of claim 5 wherein the Group VIII metal is cobalt and the basic support comprises magnesium oxide.

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Claim 9 (canceled)

10. (Currently amended): The process of claim 1 wherein the Group VIII metal is present in the oxidation catalyst in an amount ranging from 2 to 20 percent by weight ~~about 2 wt. % to about 20 wt. %~~ based on the total weight of the catalyst.

5 11. (Currently amended): The process of claim 1 wherein the Group VIII metal is present in ~~[[and]]~~ the oxidation catalyst in an amount ranging from 4 to 12 percent by weight ~~about 4 to about 12 wt. %~~ based on the total weight of the catalyst.

Claims 12 to 33 (canceled)

10 34. (Currently amended): A process for selectively oxygenating a distillate feedstock which process comprises contacting said feedstock with an oxygen-containing gas in an oxidation zone at oxidation conditions in the presence of ~~[[an]]~~ solid oxidation catalyst comprising cobalt and a basic support, in an amount ranging from 4 to 12 percent by weight based on the total weight of the catalyst ~~wt. %~~ and magnesium oxide, and ~~receiving~~ recovering an effluent stream distillate having an
15 oxygen content incorporated therein of about 1.8 ~~wt. %~~ to about 10 ~~wt. %~~ percent by weight and a TAN number of less than about 1 mg KOH/g.